

GPON and RF Overlay

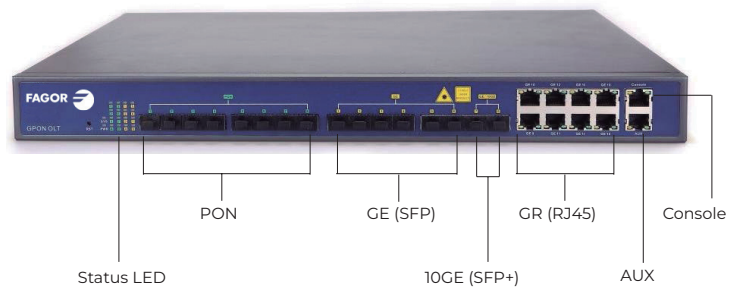
HEADEND TERMINAL FOR CPON NETWORKS

OLT Series

Headend equipment for GPON networks. Intuitive web-based configuration with no need for external systems. 8 GPON downlink ports.

FEATURES

- 6 GE SFP ports, 2 10GE SFP+ ports, 8 GE RJ45 uplink ports.
- Compatible with ITU-T G.984.x and G.988 standards.
- Remote management via SNMP/WEB/EMS.
- PON port speed: downstream 2.5 Gbps, upstream 1.25 Gbps.
- Supports ONT auto-discovery and remote software updates via OMCI.
- Dual hot-swappable power supplies.
- 1U 19" rack.



MODEL		OLT 880
Reference		10421
INPUT		
Uplink Interfaces		2 x 10GE (SFP+) ports 6 x 1GE SFP ports 8 x 1GE RJ45 ports
Management interfaces		1 RJ45 FE AUX 1 RJ45 console
CATV input power	dBm	-5 to 10
OUTPUT		
No. of GPON ports		8 SFP ports
Number of splits per port		1:128
Downlink bitrate per PON	Gbps	2.488
Uplink bitrate per PON	Gbps	1.244
GPON standard		ITU-T G.984.X/G.988
Transmission distance	km	20
Wavelengths	nm	TX 1490 / RX 1310
SFP connectors		SC/UPC
Fibre type		9/125um SM
No. of VLANs		4096
VLAN management		port VLAN, tag/untag, transparent transmission, VLAN translation, QinQ
Multicast		256 IP groups, IGMP snooping
DHCP		server, relay, snooping
QoS		per port, VID, TOS and MAC
Management interface		Web/Telnet/CLI/EMS
Management port		RJ45 Ethernet
Status LED		IN/OUT/POWER
Mounting		19" 1U rack
Power supply (redundant)	Vac	100–240 V, 50–60 Hz
Power consumption	W	45
Operating temperature	°C	0–50
Storage temperature	°C	-40 to 85
Storage humidity	%	5–90
Dimensions	mm	422 × 200 × 44
Weight	kg	3.1